

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/000016

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C01B31/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GOKTAS H ET AL: "Carbon coating by double discharge pulsed electron beam generator" IEEE CONFERENCE RECORD - ABSTRACTS. 2002 IEEE INTERNATIONAL CONFERENCE ON PLASMA SCIENCE (CAT. NO.02CH37340) IEEE PISCATAWAY, NJ, USA, 2002, page 266, XP010602531 ISBN: 0-7803-7407-X the whole document	1,3,5,16
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 12, 26 December 1996 (1996-12-26) & JP 08 217431 A (RES DEV CORP OF JAPAN; TANAKA SHUNICHIRO), 27 August 1996 (1996-08-27) abstract	1,3,5,16
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

22 September 2005

Date of mailing of the international search report

30/09/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/071577 A (FORSCHUNGSZENTRUM KARLSRUHE GMBH; SCHULTEISS, CHRISTOPH; BUTH, LOTHAR-) 28 August 2003 (2003-08-28) -----	
A	BLUHM H ET AL: "Industrial applications of high voltage pulsed power techniques: developments at Forschungszentrum Karlsruhe (FZK)" PULSED POWER CONFERENCE, 1997. DIGEST OF TECHNICAL PAPERS. 1997 11TH IEEE INTERNATIONAL BALTIMORE, MA, USA 29 JUNE-2 JULY 1997, NEW YORK, NY, USA, IEEE, US, vol. 1, 29 June 1997 (1997-06-29), pages 1-12, XP010280169 ISBN: 0-7803-4213-5 -----	
A	BOLSHAKOV A P ET AL: "A novel CW laser-powder method of carbon single-wall nanotubes production" DIAMOND AND RELATED MATERIALS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 11, no. 3-6, March 2002 (2002-03), pages 927-930, XP004357049 ISSN: 0925-9635 -----	
A	ZHU S ET AL: "Growth of carbon nanostructure materials using laser vaporization" DIAMOND AND RELATED MATERIALS ELSEVIER SWITZERLAND, vol. 10, no. 3-7, March 2001 (2001-03), pages 1190-1194, XP002346066 ISSN: 0925-9635 -----	
A	KOZLOV G I ET AL: "SYNTHESIS OF SINGLE-WALLED CARBON NANOTUBES IN AN EXPANDING VAPOR-GAS FLOW PRODUCED BY LASER ABLATION OF A GRAPHITE-CATALYST MIXTURE" TECHNICAL PHYSICS, AMERICAN INSTITUTE OF PHYSICS, WOODBURY, NY, US, vol. 48, no. 11, November 2003 (2003-11), pages 1436-1441, XP001225227 ISSN: 1063-7842 -----	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000016

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 08217431	A	27-08-1996	JP	3434926 B2	11-08-2003
WO 03071577	A	28-08-2003	DE	10207835 C1	12-06-2003
			EP	1479090 A2	24-11-2004
			JP	2005518637 T	23-06-2005
			US	2005012441 A1	20-01-2005